Title (en)

SECURE BOOT OF KERNEL MODULES

Title (de)

AUTHENTIFIZIERUNG VON SOFTWARE-UPDATE-MODULEN MITTELS CHAMELEON HASHING.

Title (fr)

AUTHENTIFICATION DE MODULES DE MISE À JOUR DE LOGICIEL UTILISANT CHAMELEON HASHING.

Publication

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Application

EP 18769211 A 20180920

Priority

- EP 17382635 A 20170922
- EP 2018075447 W 20180920

Abstract (en)

[origin: EP3460700A1] A computer-implemented method for providing a secured updated kernel module of an electronic device, wherein the method comprises the following steps: inserting by a computer a chameleon hash of a kernel module, a kernel module private key of the kernel module and an updated kernel module of the kernel module in a chameleon hash collision function thereby obtaining a collision data, combining by the computer, the updated kernel module with the collision data obtaining thereby a secured updated kernel module. Additionally, it is further described a computer-implemented method for secure updating at least one kernel module of an electronic device, a system comprising a server and an electronic device, computer programs and a computer-readable medium.

IPC 8 full level

G06F 21/44 (2013.01); **G06F 8/65** (2018.01); **G06F 9/445** (2018.01); **G06F 21/57** (2013.01); **H04L 9/08** (2006.01); **H04L 9/32** (2006.01); **H04M 1/725** (2021.01)

CPC (source: EP US)

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